Rev. 1-10-03 Effective March 1998

## DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

|    | Original | ٥  | Supplemental | 0       | Substitute | Λ        | PCT | 0 | DESIGN                                  |
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As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| Title: | METHOD FOR | <b>PRODUCING</b> | AN OPTICALLY | ACTIVE B-AMINO | ACID |
|--------|------------|------------------|--------------|----------------|------|
|--------|------------|------------------|--------------|----------------|------|

| Title: METHOD FOR PRODUCING AN OPTICALLY ACTIVE β-AMINO ACID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                 |             |                                                                                      |                                                                                                             |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|--|
| of which is described and claimed in:  () the attached specification, or  X) the specification in application Serial No. NEW, filed July 29, 2003, and with amendments through                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                 |             |                                                                                      |                                                                                                             |  |  |
| hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                 |             |                                                                                      |                                                                                                             |  |  |
| acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.  hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: |                                                                                                                                                                                                 |             |                                                                                      |                                                                                                             |  |  |
| COUNTRY APPLICATION NO. DATE OF FILING PRIORITY CLAIMED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                 |             |                                                                                      |                                                                                                             |  |  |
| L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                 |             |                                                                                      |                                                                                                             |  |  |
| Japan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 222149/2002                                                                                                                                                                                     | J           | uly 30, 2002                                                                         | Yes                                                                                                         |  |  |
| hereby claim the benefit under Title<br>subject matter of each of the claims o<br>he first paragraph of Title 35, Unite                                                                                                                                                                                                                                                                                                                                                                                                                                          | : 35, United States Code §120 of any Un<br>f this application is not disclosed in the p<br>ed States Code §112, I acknowledge the<br>Regulations, §1.56 which occurred betwe                    | ited States | s application(s) listed be<br>d States application in the<br>sclose information mate | Yes  low and, insofar as the manner provided by erial to patentability as                                   |  |  |
| hereby claim the benefit under Title<br>subject matter of each of the claims o<br>he first paragraph of Title 35, Unite<br>defined in Title 37, Code of Federal I                                                                                                                                                                                                                                                                                                                                                                                                | e 35, United States Code §120 of any Un<br>f this application is not disclosed in the p<br>ed States Code §112, I acknowledge the<br>Regulations, §1.56 which occurred betwe<br>is application: | ited States | s application(s) listed be<br>d States application in the<br>sclose information mate | Yes  low and, insofar as the manner provided by crial to patentability action and the national ED, PENDING, |  |  |

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; Michael S. Huppert, Reg. No. 40,268; and Jeffrey R. Filipek, Reg. No. 41,471, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent

and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from <u>IWATANI PATENT OFFICE</u> as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

| Direct Correspondence to        | »:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Direct Telephone Calls to:                                                                                                            |  |  |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | CUSTOMER NO. 000513                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | WENDEROTH, LIND & PONACK, L.L.P. 2033 *K* Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250 |  |  |
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| Post Office<br>Address          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | STATE OR COUNTRY ZIP CODE TONAL CORPORATION, CENTRAL , 4-11, Nishiyawata 1-chome, Hiratsuka-shi,                                      |  |  |
| Full Name of<br>Second Inventor | FAMILY NAME FIRST GIVEN I ZHANG Xiaoy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                       |  |  |
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I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| 1st Inventor |                    |                                        | Date   |
|--------------|--------------------|----------------------------------------|--------|
|              | Kazuhiko MATSUMURA |                                        |        |
| 2nd Inventor | r                  |                                        | Date   |
|              | Xiaoyong ZHANG     | ** · · · · · · · · · · · · · · · · · · |        |
| 3rd Inventor | ·                  |                                        | Date   |
|              | Takao SAITO        |                                        |        |
| 4th Inventor |                    |                                        | _ Date |
|              |                    |                                        |        |
| 5th Inventor | ·                  |                                        | Date   |
|              |                    |                                        |        |
| 6th Inventor |                    |                                        | Date   |

The above application may be more particularly identified as follows:

U.S. Application Serial No. NEW Filing Date July 29, 2003

Applicant Reference Number T10F1071(US)P Atty Docket No. 2003 1003A

Title of Invention METHOD FOR PRODUCING AN OPTICALLY ACTIVE β-AMINO ACID